

08 09 01

A

U.S. Department of Commerce
Patent and Trademark Office
PATENT**UTILITY PATENT APPLICATION TRANSMITTAL**Assistant Commissioner for Patents
Washington, D.C. 20231
BOX PATENT APPLICATIONCustomer No.: 23696
Attorney Docket No.: 010196
Date: 08/07/2001
Express Mail Label No.: EL903006191USjc971 U.S. PTO
09/924199
08/07/01

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): PARVATHANATHAN SUBRAHMANYA, DA-SHAN SHIU, AVNEESH AGRAWAL
For: ADAPTIVE PILOT FILTER FOR A WIRELESS COMMUNICATION SYSTEM.

Enclosed are:

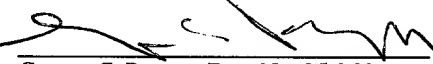
1. ☒ Patent application (30) total pages.
2. ☒ Drawings: ☒ Formal (6) sheet(s) or ☐ Informal () sheet(s).
3. ☒ Declaration/Power of Attorney: ☐ Signed ☒ Unsigned
4. ☐ This application claims priority from Application Serial No. , Filed , Status .
5. ☐ An Assignment () pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment () pages.
7. ☐ Information Disclosure Statement (IDS):
 - a. ☐ PTO-1449
 - b. ☐ Copies of IDS Citations (number of citations:)
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	30 - 20	10	x \$18 =	\$180.00
Independent**	5 - 3	2	x \$80 =	\$160.00
Multiple Dependent Claim(s): <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$0.00
APPLICATION FILING FEE			\$710	\$710.00
			TOTAL FEE	\$1,050.00

*If the number in column a is less than 20, enter 0 in column b.

**If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$_____ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1,050.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 08/07/2001Signature: George C. Pappas, Reg. No. 35,065
(858) 651-1306QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1179
Facsimile: (858) 658-2502

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)	
)	For: ADAPTIVE PILOT FILTER
SUBRAHMANYA et al.)	FOR A WIRELESS
)	COMMUNICATION SYSTEM
Application No.: UNKNOWN)	
)	
Filed: HEREWITH)	Group Art Unit: UNKNOWN

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

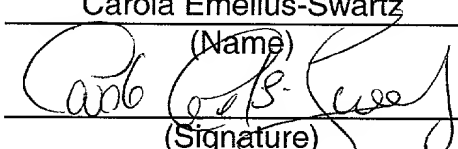
Assistant Commissioner of Patents
BOX NEW PATENT APPLICATIONS
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No.	EL903006191US
Date of Deposit	08/07/2001

ENCLOSED ARE:
TRANSMITTAL LETTER IN DUPLICATE;
PATENT APPLICATION (30pg.); COMBINED DECLARATION/POWER OF
ATTORNEY (Filed Unsigned);
6 SHEETS OF FORMAL DRAWINGS; CERTIFICATE OF EXPRESS MAIL; and
POSTCARD.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, BOX PATENT APPLICATIONS, Washington, D.C. 20231.

Carola Emelius-Swartz
(Name)

(Signature)

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-4125
Facsimile: (858) 658-2502

Attorney Docket No.:
Customer No.: 23696

FD-2030 (5-5-94) 2660